

Product Datasheet

MLLT1 Antibody (3H2) - Azide and BSA Free H00004298-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00004298-M01

MLLT1 Antibody (3H2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4298
Gene Symbol	MLLT1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25481096). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	MLLT1 - myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 1
Immunogen	MLLT1 (NP_005925, 472 a.a. ~ 558 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GRRSPESCSKPEKILKKGTYDKAYTDELVELHRRRLMALRERNVLQQIVNLIET GHFNVNTTTFDFDLFSLDETTVRKLQSCLEAVA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Sandwich ELISA 1:100-1:2000
Application Notes	Antibody reactivity against recombinant protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. It has been used for IF. IHC-P usage reported in scientific literature (PMID: 25481096).

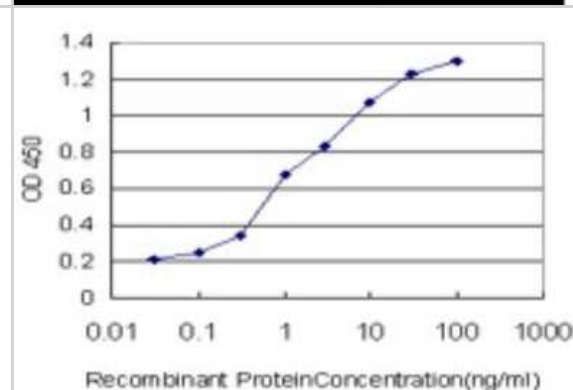


Images

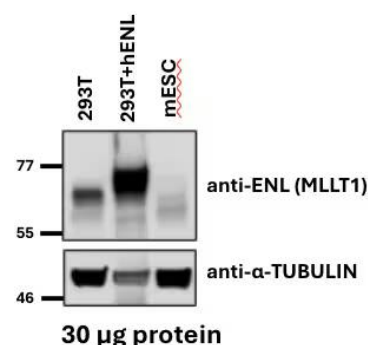
Immunocytochemistry/Immunofluorescence: MLLT1 Antibody (3H2) [H00004298-M01] - Analysis of monoclonal antibody to MLLT1 on HeLa cell . Antibody concentration 10 ug/ml.



Sandwich ELISA: MLLT1 Antibody (3H2) [H00004298-M01] - Detection limit for recombinant GST tagged MLLT1 is approximately 0.1ng/ml as a capture antibody.



Western Blot: Mouse Monoclonal MLLT1 Antibody (3H2) [H00004298-M01] - Western Blot showing amount of protein, cell lines tested (293T, over expression line 293T+hENL, and mESCs) and loading control blot using alpha-tubulin. Image from a verified customer review.



Publications

Wallingford MC, Filkins R, Adams D et al. Identification of a novel isoform of the leukemia-associated MLLT1 (ENL/LTG19) protein. Gene Expr. Patterns. 2014-12-03 [PMID: 25481096] (IHC-P, WB, Mouse)

Details:

MLLT1 antibody used at 1:500 dilution for WB on lysates of testes, brain, liver, uterus and ovary of ICR male mice (Fig 2). Antibody also used for IHC-P application on murine testes - 4% PFA ON fixation, methanol dehydration, paraffin embedding/sectioning, heat mediated antigen retrieval (5 minutes boiling of tissues in 10 mM Tris/1 mM EDTA/0.05% Tween 20, pH 10), PBST permeabilization, 1:100 dilution of primary with ON incubation, detection with FITC rabbit anti-mouse secondary and DAPI (Fig. 2C).



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Products Related to H00004298-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-84840PEP	MLLT1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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